

### **Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

### **Listing of Claims:**

Claim 1 (currently amended) A method for killing or inhibiting the growth of bacteria externally on the skin or within the nasal cavity of an animal, said method comprising administering a therapeutically effective amount of a formulation comprising d-limonene to the animal's skin or nasal cavity for a time sufficient for said d-limonene to effectively eradicate or inhibit the growth of said bacteria.

Claim 2 (original) The method of claim 1, wherein said d-limonene has a purity of at least 98.5%.

Claim 3 (original) The method of claim 1, wherein said bacteria are selected from the group of *Staphylococcus aureus* and *epidermidis*, *Enterococcus faecalis* and *faecium*, *Escherichia coli*, *Enterobacter cloacae*, *Strep. pyogenes*, *Klebsiella pneumoniae*, *Serratia marcescens*, *Pseudomonas aeruginosa*, *Acinetobacter baumannii/haemolyticus* and *Stenotrophomonas maltophilia*, *Bacillus anthracis*, *Bacillus licheniformis*, *Bacillus subtilis*, *Bacillus sphaericus*, *Bacillus cereus*, and *Paenibacillus polymyxa*.

Claim 4 (original) The method of claim 3, wherein said d-limonene has a purity of at least 98.5%.

Claim 5 (original) The method of claim 1, wherein said formulation is selected from the group of Vitamin E oil, lotions, ointments, solutions, suspensions, creams, shampoos, and soaps.

Claim 6 (withdrawn) A method for treating psoriasis in an animal, said method comprising applying a topical formulation to an area affected with psoriasis for a time sufficient to effectively eradicate said psoriasis, said formulation comprising a therapeutically effective amount of d-limonene.

Claim 7 (withdrawn) The method of claim 6, wherein said d-limonene has a purity of at least 98.5%.

Claim 8 (withdrawn) The method of claim 6, wherein said formulation comprises from about 10% to about 50% d-limonene.

Claim 9 (withdrawn) The method of claim 8, wherein said d-limonene has a purity of at least 98.5%.

Claim 10 (withdrawn) The method of claim 6, wherein said formulation comprises about 20-30% d-limonene.

Claim 11 (withdrawn) The method of claim 10, wherein said d-limonene has a purity of at least 98.5%.

Claim 12 (withdrawn) A topical dermatological formulation comprising d-limonene and Vitamin E oil.

Claim 13 (withdrawn) The formulation of claim 12, wherein said d-limonene comprises from about 10% to about 50% of said formulation.

Claim 14 (withdrawn) The formulation of claim 12, wherein said d-limonene has a purity of at least 98.5%.

Claim 15 (withdrawn) The formulation of claim 13, wherein said d-limonene comprises from about 20% to about 30% of said formulation.

Claim 16 (withdrawn) The formulation of claim 15, wherein said d-limonene has a purity of at least 98.5%.

Claim 17 (withdrawn) The formulation of claim 13, wherein said d-limonene has a purity of at least 98.5%.